

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A recording agent of a color component used for color reproduction through subtractive color mixing, the recording agent comprising:

mainly a first non-fluorescent coloring agent expressing the color component; and

a second fluorescent coloring agent identical in hue to the first coloring agent,

wherein the recording agent having a higher spectral reflectance than a spectral reflectance of the first coloring agent and,

wherein the recording agent contains the second coloring agent in a compounding ratio of x, which is given by:

$R_m = (1-xy) R_o + xy R_f$ (y being a predetermined constant and a positive real number satisfying $2 < y < 3$),

where R_o expresses the spectral reflectance of the first coloring agent, R_f expresses a spectral reflectance of the second coloring agent, and R_m expresses the spectral reflectance of the recording agent created by mixing the first coloring agent and the second coloring agent.

Claim 2 (Cancelled).

3 (Currently amended) ~~The recording agent as set forth in claim 1, wherein:~~ A recording agent of a color component used for color reproduction through subtractive color mixing, the recording agent comprising:

mainly a first coloring agent expressing the color component; and

a second coloring agent identical in hue to the first coloring agent,

wherein the recording agent having a higher spectral reflectance than a spectral reflectance of the first coloring agent, wherein

the recording agent contains the second coloring agent in a compounding ratio of x, which is given by:

$R_m = (1-xy) R_o + xy R_f$ (y being a predetermined constant and a positive real number),

where R_o expresses the spectral reflectance of the first coloring agent, R_f expresses a spectral reflectance of the second coloring agent, R_m expresses the spectral reflectance of the

recording agent created by mixing the first coloring agent and the second coloring agent.

4. (Currently amended) ~~The recording agent as set forth in claim 3, wherein:~~ A recording agent of a color component used for color reproduction through subtractive color mixing, the recording agent comprising:

mainly a first coloring agent expressing the color component; and
a second coloring agent identical in hue to the first coloring agent,
wherein the recording agent having a higher spectral reflectance than a spectral reflectance of the first coloring agent, wherein

the recording agent contains the second coloring agent in a compounding ratio of x,
which is given by:

$R_m = (1 - xy) R_o + xy R_f$ (y being a predetermined constant and a positive real number),

where R_o expresses the spectral reflectance of the first coloring agent, R_f expresses a spectral reflectance of the second coloring agent, and R_m expresses the spectral reflectance of the recording agent created by mixing the first coloring agent and the second coloring agent, wherein

the y as ~~is~~ a predetermined constant and a positive real number ~~satisfies~~ satisfying
 $2 \leq y \leq 3$.

Claims 5 - 9 (Cancelled).

10. (Currently amended) A recording agent of a color component used for color reproduction through subtractive color mixing, the recording agent comprising:

mainly a first non- fluorescent coloring agent expressing the color component and having a characteristic spectral reflectance; and

a second fluorescent coloring agent identical in hue to the first coloring agent imparting to the recording agent a higher spectral reflectance than the spectral reflectance of the first coloring agent, wherein

wherein the recording agent contains the second coloring agent in a compounding ratio of

x, which is given by:

$$R_m = (1 - xy) R_o + xy R_f \text{ (y being a predetermined constant),}$$

where R_o expresses the spectral reflectance of the first coloring agent, R_f expresses a spectral reflectance of the second coloring agent, and R_m expresses the spectral reflectance of the recording agent created by mixing the first coloring agent and the second coloring agent.

11. (New) The recording agent as set forth in claim 3, wherein:
the first coloring agent is a non-fluorescent coloring agent and the second coloring agent is a fluorescent coloring agent.

12. (New) The recording agent as set forth in claim 10 wherein y is selected such that $2 \leq y \leq 3$.